

ABSTRACT

[0086] An object relative status determination system (54) for a vehicle (52) includes an orthogonal frequency domain modulation (OFDM) transceiver (56) that generates an object range signal (83). The system (54) may also include a global navigation system (GNS) (58) that receives a satellite range signal (70). A controller (66) is coupled to the OFDM transceiver (56) and the GNS (58) and determines object information relative to the vehicle (52) in response to the object range signal (83) and the satellite range signal (70).